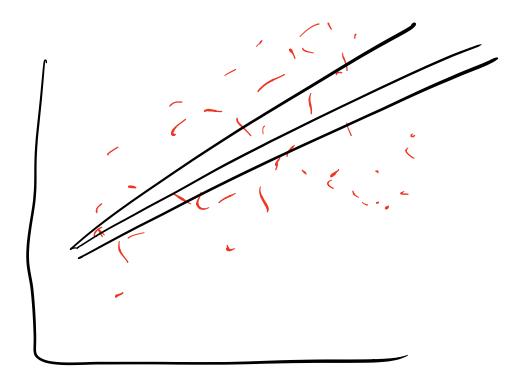
Why do re regression this ray?



The regression line we use is the line with smallest pms error.

How to interpret slope?

Y=mx+b

nears ne nould predict an increase on y by m"

Correlation does not imply causation.

2-test

Uchi-squared"

a) (ounting the number of times each cartegory occurs (22)
b) Test for independence between

a) 1)
$$\chi^2 = \frac{(obs - exp)^2}{exp}$$

categories

b) 1)
$$\chi = \frac{(8bs-exp)^2}{4cortegories}$$
In man table